Dura-Bond
X-Tec I™ System
Typical Properties and Performance

Recommended Operating Temperature -50˚ to + 150˚F

Adhesive Properties

Softening Point (ring and ball)	(ASTM E28)	175 F Minimum
Water Absorption	(ASTM D570)	<0.1%

Polyethylene Properties

Color		Yellow
Density	(ASTM D-1505)	>.950 g/ml
Elongation	(ASTM D-638)	600% Minimum
Tensile Strength	(ASTM D-638)	17 MPa
Outdoor Exposure		2 years Minimum
Hardness, Shore D	(ASTM D2240)	60 minimum

Coating Properties

Peel Adhesion 65F		<1” min 300gm hanging wt.
Impact Resistance 70F		>160 inch pounds
Cathodic Disbondment	(1.5v, 3% NaC1, 70 deg. F, 24hrs)	10mm max.
Volume Resistivity		10^{13} ohm-cm min.
Dielectric Strength (P.E.)		500 volts/mil min.

This data sheet is subject to change.
2/2/97

Dura-Bond
X-Tec II™ System
Typical Properties and Performance

Recommended Operating Temperature -50˚ to + 160˚F

Adhesive Properties

Softening Point (ring and ball)	(ASTM E28)	178 F Minimum
Adhesive Flos Test (160 F, 1 h)		2 cm
Viscosity @ 177˚ C	CAN/CSA Z245.21-M92	9000 mPa.s nominal
Water Absorption	(ASTM D570)	<0.1%

Polyethylene Properties

Color		Black (or white)
Density	(ASTM D-1505)	>.950 g/ml
Elongation	(ASTM D-638)	600% Minimum
Tensile Strength	(ASTM D-638)	17 MPa
Outdoor Exposure	(2.5% carbon black)	5 years Minimum
Hardness, Shore D	(ASTM D2240)	60 minimum

Coating Properties

Peel Adhesion 65F		<1” min 1000gm hanging wt.
Impact Resistance 70F		>160 inch pounds
Cathodic Disbondment	(28 days,1.5 volts, 74˚ F, 3% NaC1)	10mm max.
Hot Water Soak	(48 hours @ 150˚ F)	Rating of 1 (no undercutting)
Lap Shear	(Canusa C9)	70 psi.
Volume Resistivity		10^{13} ohm-cm min.
Dielectric Strength (P.E.)		500 volts/mil min.

This data sheet is subject to change.
2/2/96